3 Disassembly and Reassembly

This section of the service manual describes the disassembly and reassembly procedures for the PG17**/PG19**/ PG21** monitors.

WARNING: This monitor contains electrostatically sensitive devices. Use caution when handling these components.

3-1 Disassembly

Cautions: 1. Disconnect the monitor from the power source before disassembly.
2. Follow these directions carefully; never use metal instruments to pry apart the cabinet.

3-1-1 Before making Disassembly

1. Disconnector signal cable and power cord from the monitor.
2. With a pad beneath it, stand the monitor on its front with the screen facing downward and the base close to you.
3. Make sure nothing will damage the screen.

3-1-2 Cabinet Disassembly

1. To uncover the 2 uppermost screws. Press in the end of each screw cap and pull it away from the cabinet.
2. Remove the 4 screw on the Rear Cover and pull it toward to remove it.

3-1-3 Removing the Stand

Pull the tab outward on the Chassis Bottom and pull the Tilt and Swivel Base up to remove it.

3-1-4 Removing the Top Shield

Remove the 1 screws on the Top Shield Cover and remove the Shield.

3-1-5 Removing the Bottom Shield

1. Remove the 1 screw on the Bottom Shield Cover.
2. Lift off the Bottom Shield.

3-1-6 Removing the Video PCB Assembly

1. Remove the Video PCB from the CRT.
2. Disconnect CN102, CN103, CN12 and CN13 on the Video PCB Assembly and Video PCB Ass'y from the CRT Neck.

3-1-7 Removing the Video PCB Assembly Rear Shield and Video PCB

1. Remove the 3 screws on the PCB Assembly.
2. Remove the Video PCB Assembly Rear Shield. (5 point)
3. Lift out the Video PCB and pleat it on a flat, level surface that is protected from static electricity.

3-1-8 Removing the Main PCB Assembly

1. Remove both side screws (4 screws) on the lower edge of the CRT Bracket.
2. Remove Chassis Ground Wire on the both side.
3. Disconnect CN201, CN409, CN601, H_DY, CN604 and Anode Cap on the Main PCB Assembly.

3-1-9 Removing the Main PCB

1. Remove 6 screws on the main PCB.
2. Pull the Main PCB towards you and carefully lift out the main PCB and placet it on a flat, level surface that is protected from static electricity.

3-1-10 Removing the Bracket

1. Remove the 10 screws on the Front Cabinet.

3-1-11 Removing the Degaussing Coil

1. Using pinch-nosed pliers or long-nosed pliers, carefully push the 4 plastic ties on the Bracket.
2. Lift the Degaussing Coil Assembly from the Bracket.

3-2 Reassembly

Reassembly procedures are in the reverse order of Disassembly procedures.